

IN THE CLAIMS:

1. (currently amended) A computer based multi-channel radio system, comprising:
 - a computer coupled to a display and having a graphical user interface; and
 - a single digital audio radio receiver coupled to the computer for selectively receiving a plurality of channels and data associated with the plurality of channels from a single data stream over the air, ~~wherein the graphic user interface selectively displays at least a portion of the data associated with the plurality of channels and~~

wherein the data associated with the plurality of channels includes a plurality of channel numbers, a plurality of artist names, a plurality of song titles, **a plurality of use percentages** and a plurality of channel names,

wherein the computer displays on the graphic user interface, for each of three or more channels from said plurality of channels, a channel number, a channel name, and at least one of a song title, an artist name and a use percentage,

and wherein such data associated with the plurality of channels is simultaneously updated and displayed **on the graphical user interface.**
2. (previously presented) The system of claim 1, wherein the system further comprises at least one among a volume control, a tone control, and an output port on the radio receiver, wherein the output port can selectively stream data or audio or video from a selected channel among the plurality of channels from a single stream of data.
3. (original) The system of claim 1, wherein the graphic user interface further comprises a program to selectively tag a desired type of content among the plurality of channels, analyze the data associated with the plurality of channels for an indication of content of the desired type among the plurality of channels, and alert a user of a desired channel containing the indication.
4. (original) The system of claim 3, wherein the user is alerted by a pop-up window of the desired content on the desired channel.

5. (original) The system of claim 1, wherein updates for the data associated with the plurality of channels recur in rapid succession.
6. (previously presented) The system of claim 1, wherein the graphical user interface enables the simultaneous viewing of a plurality of channel numbers, a plurality of artist names, a plurality of song titles, a plurality of channel names, a plurality of categories, and a plurality of use percentages of the channels among the plurality of channels.
7. (previously presented) The system of claim 1, wherein the graphical user interface enables the viewing of signal strength of a signal received from a satellite signal and a terrestrial signal.
8. (original) The system of claim 1, wherein the data associated with the plurality of channels is extracted from a broadcast information channel received at the radio receiver as one of the plurality of channels.
9. (previously presented) The system of claim 1, wherein the data associated with the plurality of channels is extracted from a plurality of channel decoders performing background scanning among the plurality of channels to create a broadcast information channel from the single data stream using the single radio receiver.
10. (previously presented) The system of claim 1, wherein the radio receiver is a satellite digital audio receiver.
11. (original) The system of claim 1, wherein the system further comprises a global network connection.
12. (original) The system of claim 1, wherein the computer controls the radio receiver.
13. (currently amended) A computer based multi-channel radio, comprising:
a single digital audio radio receiver for receiving a plurality of channels and data associated with the plurality of channels over-the-air;
a channel decoder coupled to the radio receiver; and

a port for transmitting data associated with the plurality of channels, transmitting an output signal representative of [[a]] selected channels among the plurality of channels, and for receiving control signals from a computer having a graphical user interface,

~~wherein the graphic user interface selectively displays at least a portion of the data associated with the plurality of channels simultaneously and user selectively controls the channel decoder by selecting the selected channels on the graphical user display,~~

wherein the data associated with the plurality of channels includes a plurality of channel numbers, a plurality of artist names, a plurality of song titles, **a plurality of use percentages** and a plurality of channel names, and

wherein the graphical user interface displays, for each channel from said plurality of channels, a channel number, a channel name, and at least one of a song title, an artist name and a use percentage,

14. (previously presented) The radio of claim 13, wherein the data associated with the plurality of channels is extracted from a broadcast information channel received at the radio receiver from a single data stream as one of the plurality of channels.

15. (previously presented) The radio of claim 13, wherein the data associated with the plurality of channels is extracted from a channel decoder in the radio performing background scanning among the plurality of channels and the output signal representative of the selected channel is an audio output.

16. (previously presented) A method of representing a plurality of channels on a display, comprising the steps of: extracting data associated with each channel in the plurality of channels from a data stream using a single digital audio radio receiver;

enabling the selective display of the data associated with each of the plurality of channels on a graphical user interface

simultaneously updating and displaying of the associated data for a selected plurality of channels among the plurality of channels wherein the data associated with the plurality of

channels includes a plurality of channel numbers, a plurality of artist names, a plurality of song titles, and a plurality of channel names; and

selectively controlling a remotely coupled channel decoder on a radio receiver via the graphical user interface.

17. (previously presented) The method of claim 16, wherein the step of enabling the selective display of the data comprises the step of simultaneously displaying a plurality of channel numbers, a plurality of artist names, a plurality of song titles, a plurality of channel names, a plurality of categories, and a plurality of use percentage of the channels among the plurality of channels.

18. (original) The method of claim 16, wherein the graphical user interface includes a plurality of selectable tabs to enable the viewing of a plurality of channels belonging to predetermined categories selected from the group of categories including all, music, news, talk, last 10, favorites, traffic, weather, video, rock, classical, jazz, kids, comedy, and user customizable.

19. (previously presented) The method of claim 16, wherein the method further comprises extracting a signal strength measurement from the radio receiver and displaying the measurement from a terrestrial source and a satellite source on a screen of the graphical user interface.

20. (currently amended) A method of displaying a group of selected channels among a plurality of channels, comprising ~~the steps of:~~

controlling a remote source for receiving a single digitally encoded bit stream on at least a portion of the plurality of channels and decoding a selected channel among the plurality of channels using a digital audio radio receiver;

selectively displaying data associated with each selected channel of the plurality of channels on a graphical user interface wherein the data associated with the plurality of channels includes at least a plurality of channel numbers, a plurality of artist names, a plurality of song titles, a plurality of use percentages and a plurality of channel names, and said data displayed for each selected channel includes a channel number, a channel name, and at

least one of a song title, an artist name and a use percentage; and

updating and displaying the data associated with the plurality of channels in a rapid recurring succession; and

~~enabling the output of the selected channel as represented by the graphical user interface.~~

21. (currently amended) The method of claim 20, wherein the method further comprises ~~the step~~ of selectively tagging a desired type of content on the selected channel by analyzing a broadcast information channel and/or an Electronic Program Guide for an indication of content of the desired type among the plurality of channels.

22. (currently amended) The method of claim 21, further comprising ~~the step of~~ alerting a user of a desired channel containing the indication.

23. (currently amended) The method of claim 22, wherein ~~the step of~~ said tagging further comprises the step of storing descriptors representative of the content on the selected channel in a memory.

24. (currently amended) The method of claim 20, wherein ~~the step of~~ said selectively displaying data associated with each of the plurality of channels comprises simultaneously displaying data associated with at least two of the plurality of channels.

25. (currently amended) A machine-readable storage, having stored thereon a computer program having a plurality of code sections executable by a machine for causing the machine to perform a method comprising the steps of:

extracting data associated with each channel in the plurality of channels from a single data stream using a digital audio radio receiver;

enabling the selective display of the data associated with each of the plurality of channels on a graphical user interface;

simultaneously updating and displaying of ~~the~~ associated data for a selected plurality of channels among the plurality of channels wherein the data associated with the plurality of channels includes at least a plurality of channel numbers, a plurality of artist names, a plurality of

song titles, and a plurality of channel names, and said updated and displayed associated data includes a channel number, a channel name, and at least one of a song title, an artist name and a use percentage; and

selectively controlling a remotely coupled channel decoder on a radio receiver via the graphical user interface.

26. (currently amended) A machine-readable storage, having stored thereon a computer program having a plurality of code sections executable by a machine for causing the machine to perform the steps of:

controlling a remote source for receiving a single digitally encoded bit stream on at least a portion of ~~the a~~ plurality of channels and decoding a selected channel among the plurality of channels using a digital audio radio receiver;

selectively displaying data associated with each of the plurality of channels on a graphical user interface wherein the data associated with the plurality of channels includes at least a plurality of channel numbers, a plurality of artist names, a plurality of song titles, and a plurality of channel names, and said selectively displayed associated data includes a channel number, a channel name, and at least one of a song title, an artist name and a use percentage;

updating and displaying the data associated with the plurality of channels in a rapid recurring succession; and

enabling the output of the selected channel as represented by the graphical user interface.